



**Approved baseline and monitoring methodology /
methodological tool clarification response form
(Version 03.0)**

INFORMATION TO BE COMPLETED BY THE SECRETARIAT OR PANEL

Date and number of Panel meeting:	26 Feb - 01 Mar 2019 / MP 78
Title/Subject of the request for clarification:	Clarification request on the meaning of “new sales” in AM0120 and on the sorting method for obtaining 90th/80th percentile of baseline electricity consumption(EC) in the reference Tool 29
Reference number of the request for clarification:	AM_CLA_0281
Exact reference (number, title and version) of the methodology or methodological tool to which the request for clarification applies:	AM0120: “Energy-efficient refrigerators and air-conditioners --- Version 1.0” Tool29: “Determination of standardized baselines for energy-efficient refrigerators and air-conditioners v.01.0”
Fast track or Regular track:	<input type="checkbox"/> Fast track <input checked="" type="checkbox"/> Regular track

Summary of the request for clarification

1. Clarification on the meaning of “new sales” in AM0120

In the scope of the methodology, a project activity is described as “installation of new, energy-efficient refrigerators and air conditioners (RACs) for residential/household applications as replacement or new sales project”. Please clarify the meaning of the “new sales” between the two-possible interpretation as below:

(1) The “new sales project” is restricted to when a project participant introduces brand-new models of RACs that had not been sold/produced in the market. (2) The “new sales project” is installing a new RAC, as opposed to replacing an existing one, hence the project activity is applicable to models that are already available in the market in addition to those in case (1).

2. Clarification on the sorting method for obtaining 90th/80th percentile of baseline electricity consumption (EC90/80, p) in the reference Tool 29: *Methodological tool: Determination of standardized baselines for energy-efficient refrigerators and air-conditioners.*

In the provided procedure for obtaining 90th/80th percentile of baseline electricity consumption (EC90/80, p) in Data/Parameter table 1, similarly with SEC90/80,q, EEI90/80,r in Table 2 and Table 3, it is stated that “Sort the refrigerator units sold for each volume class in the reference period from the highest to lowest annual electricity consumption”. Concerning the sorting by EC/SEC/EEI, we would like to confirm whether the actual volume of refrigerator units available/sold are taken into account for 90th/80th percentile, in which case the production/sales data of each model is required to obtain the benchmark value.

Additional information received on 27th December (after a call with PP on 19th Dec)

Regarding the Steps to follow for collecting data and determining parameters for new sales refrigerators as mentioned under Appendix 1 of Tool 29 (Methodological tool: Determination of standardized baselines for energy-efficient refrigerators and air-conditioners), we would like to confirm whether the steps following Step 1 are still applicable when mandatory S&L data is used in Step 1. Further clarification is also requested to know whether reference to S&L data and S&L database in Steps 2 to Step 4 are related to mandatory S&L or to the voluntary S&L or S&L data and S&L database in general.

If it is not required to proceed to Step 2 while mandatory S&L data is used, then how project participant shall demonstrate the compliance with QA/QC? The "Guidelines on quality assurance and quality control of data used in the establishment of standardized baselines" seems to classify S&L data as secondary data source, which in turn requires it to have other complementary datasets to crosscheck and verify its credibility. This will lead to the similar procedures as in Step2/Step3 of Appendix 1. Is it self-explanatory that mandatory S&L

data is in compliance with QA/QC guidelines?

Clarification by the secretariat or Panel

The Methodologies Panel (Meth Panel) of the CDM Executive Board would like to thank the author for the submission.

The Meth Panel would like to clarify that in the context of the approved methodology “AM0120: Energy-efficient refrigerators and air-conditioners” the term ‘new-sales’ means that the user receives a refrigeration and air conditioning equipment (RAC) irrespective of whether or not the equipment is the latest model introduced by the manufacturer. Additionally, when the new RAC equipment replaces existing RAC equipment identified at the user end, it is considered as replacement and not a new sale. Therefore, case (2) mentioned by the project participant is the correct interpretation of new sales.

Also, regarding sorting method for obtaining 90th/80th percentile of baseline electricity consumption, the Meth Panel would like to clarify that, 90th percentile method shall be applied when sales data is not available. While, for application of 80th percentile method, project proponent shall collect data, including sales data in each volume class.

Further steps referred in appendix 1 of tool 29 are meant to address two issues i.e. (a) to assess if there are variations in the data for the same parameter when using two types of data sources (e.g. S&L and marketing data); (b) Identify any data gaps and transparently address it. When using solely S&L database, only elements pertaining to data gaps are applicable in steps 1, 2, 3 and 4. Further where available, mandatory S&L data shall be used. Voluntary S&L data may be used only if mandatory S&L data is not available and where it can be demonstrated that there are systematic efforts to maintain and update the database, i.e. adequate QA/QC procedures are in place for the voluntary database.

With regard to compliance with ‘Guidelines on quality assurance and quality control of data used in the establishment of standardized baselines’, use of multiple sources of data is not a pre-requisite to use the secondary data as long as consistency of data, the credibility of data source and currentness of the data can be demonstrated as detailed in page 6 of the guidelines. Therefore, mandatory S&L data is in compliance with QA/QC guidelines, as long as its consistency, credibility and currentness is established.

Version(s) of the approved methodology / methodological tool to which the clarification is applicable:

1. AM0120: Energy-efficient refrigerators and air-conditioners, version 1.0
2. TOOL29: Methodological tool: Determination of standardized baselines for energy-efficient refrigerators and air-conditioners, version 1.0

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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
03.0	13 May 2016	Revised to include the row “Version(s) of the approved methodology / methodological tool to which the clarification is applicable”
02.0	18 July 2013	Revised to remove the row “Date and signature of the chair and vice chair of Panel/WG (in case of clarification by Panel/WG)”

<i>Version</i>	<i>Date</i>	<i>Description</i>
01.0	4 July 2013	<p>Initial publication. This document supersedes and replaces the following documents:</p> <ul style="list-style-type: none">• Recommendation Form for Small Scale Methodologies (F-CDM-SSCwg) (Version 01.1)• Recommendation Form for Small Scale A/R Methodologies and Procedures (F-CDM-SSC-AR) (Version 01.1)
<p>Decision Class: Regulatory Document Type: Form, Clarification Business Function: Methodology Keywords: applying methodologies and tools</p>		